

CLAIM AMENDMENTS

Please **AMEND** the claims as follows:

1. (Presently Amended) A double-pane window that generates electricity from light, comprising:
 - a first and second pane;
 - a solar cell positioned between and substantially perpendicular to said panes; and
 - a dichronic mirror positioned between said panes that directs a first portion of said light onto said solar cell and directs a second portion of said light through at least one of said panes.
2. (Presently Amended) A window that generates electricity from light, comprising:
 - a pane;
 - a solar cell positioned substantially perpendicular ~~next~~ to said said pane; and
 - a beam splitter positioned adjacent to said solar cell next to said pane that directs a first portion of said light onto said solar cells and directs a second portion of said light through said pane.
3. (Presently Amended) A method for generating electricity from light using a window, comprising the steps of:
 - receiving said light adjacent to a first pane;
 - directing a first portion of said light onto a solar cell positioned substantially perpendicular ~~next~~ to said first pane; and
 - directing a second portion of said light through said first pane.
4. The window of claim 3, wherein directing said first portion of said light onto said solar cell is performed by a beam splitter.

5. The window of claim 3, wherein directing said first portion of said light onto said solar cell is performed by a dichronic mirror.
6. The window of claim 3, wherein a second pane is positioned next to said first pane, thereby forming a double-window, said solar cell positioned within said double pane window.
7. (Presently Amended) A window that generates electricity from light, comprising:
a solar cell; and
a pane positioned substantially perpendicular to said solar cell, said pane having a dichronic coating, said dichronic coating directs a portion of said light onto said solar cell and allows a portion of said light to pass through said pane.
8. A window pane that generates electricity from light, comprising:
a plurality of parallel solar cells ~~forming a first part of said window pane~~; and
a plurality of beam splitters, one of said plurality of beam splitters extending between a pair of said plurality of parallel solar cells, forming a second part of said window pane, said ~~plurality of beam splitters placed between said solar cells~~, said beam splitters directing a first portion of said light onto said plurality of parallel solar cells and a second portion of said light away from ~~said window pane~~ said plurality of parallel solar cells.
9. A method of generating electricity from light using a window pane, comprising the steps of:
receiving said light with a plurality of parallel beam splitters ~~forming a first portion of said window pane~~;
directing a first part of said light onto a plurality of solar cells, one of said plurality of beam splitters extending between a pair of said plurality of parallel solar cells, forming a second portion of said window pane; and

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directing a second part of said light away from ~~said window pane~~ said plurality of parallel solar cells.